

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES														MISSED APPROACH															
FROM				TO				COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 4.11 NM AFTER BOGEY INT/I-HYA 5.08 DME OR AT I-HYA 0.97 DME FIX															
LFV VOR/DME				BOGEY INT/I-HYA 5.08 DME				217.92 / 19.31				1700		CLIMB TO 700 THEN CLIMBING LEFT TURN TO 1700 ON HEADING 045 AND ON ACK VOR/DME R-359 TO BOGEY INT/I-HYA 5.08 DME AND HOLD, OR AS DIRECTED BY ATC.															
																	ALTERNATE MA (DO NOT CHART): CLIMB TO 700 THEN CLIMBING LEFT TURN TO 1700 ON HEADING 030 AND ON MVY VOR/DME R-059 TO BOGEY INT/MVY 26.89 DME AND HOLD.												
																	ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE BOGEY INT/MVY 26.89 DME, RT, 238.92 INBOUND. CHART FAS OBST: 205 TANK 414134N/0701446W CHART 423 TOWER 414345N/0701000W. CHART VDP AT 2.13 DME* DISTANCE VDP TO THLD 1.16 NM. *LOC ONLY. CHART CIRCLING ICON. CHART IN PLANVIEW: GAILS INT CHART IN PLANVIEW (CFCFW) AT 414540.94N/0700746.62W												
																	MAG VAR: 16W EPOCH YEAR: 1995												
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)																													
2. HOLD NE BOGEY, RT, 245.82 INBOUND, 1700 FT. IN LIEU OF PT (IAF)																													
3. FAC: 245.82 FAF: BOGEY INT/I-HYA 5.08 DME DIST FAF TO MAP: 4.11 THLD: 4.11																													
4. MIN. ALT: BOGEY INT/I-HYA 5.08 DME 1400																													
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 936																													
6. MIN GS INCPT: 1400 GS ALT AT: BOGEY 1400 OM: - MM: - IM: -																													
7. GS ANGLE: 3.00 TCH: 50.1																													
8. MSA FROM: MVY VOR/DME 360-270 1700, 270-360 2100																													
MINIMUMS																													
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @																
CATEGORY ==>		A			B			C			D			E															
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA														
S-ILS 24	293	4000	250	293	4000	250	293	4000	250	293	4000	250																	
S-LOC 24	460	4000	417	460	4000	417	460	5000	417	460	5000	417																	
CIRCLING	560	1	506	580	1	526	860	2 1/4	806	860	2 1/2	806																	
NOTES:																													
CHART PLANVIEW NOTE: RADAR REQUIRED.																													
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATHAM ALTIMETER SETTING AND INCREASE DA TO 325 FEET AND ALL MDA 40 FEET, INCREASE S-LOC CAT C/D VISIBILITY TO RVR 5500 AND INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE.																													
(CONTINUED ON PAGE 2)																													
CITY AND STATE				ELEVATION: 54 TDZE: 43				FACILITY IDENTIFIER: I-HYA				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 19				SUP:													
HYANNIS, MA				AIRPORT NAME:												AMDT: 18													
				BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD												DATED 07/02/2009													

QUALITY
5
CHECKED

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input checked="" type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div><input checked="" type="checkbox"/> HYA ATCT, CAPE APP CON, ZBW</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>GEORGETTE P. BARNETT</div>				FIFO <div>AJV-5412</div>	DATE: <div>04/25/2016</div>
APPROVED BY <div>May 21, 2016</div>					
NAME: <div>MARLON J. ROBINSON</div>				FIFO <div>AJV-5410</div>	DATE:
CHANGES:					
<div>1. DELETED TERMINAL ROUTE FROM GAILS TO BOGEY LOM. 2. CHANGED MSA FACILITY FROM BOGEY LOM TO MVY VOR/DME. 3. CHANGED MA PRIMARY/ALTERNATE HOLDING FIX FROM BOGEY LOM TO BOGEY INT. 4. CHANGED HOLD-IN-LIEU FIX FROM BOGEY LOM TO BOGEY INT. 5. REMOVED NOTE: PROCEDURE NA FOR ARRIVALS AT GAILS VIA V141 NORTHBOUND. 6. ADDED PLANVIEW NOTE IN ADDITIONAL FLIGHT DATA TO CHART GAILS INT. 7. CAT B CIRCLING MDA/HAA CHANGED FROM 560/506 TO 580/526, CAT C CHANGED FROM 580/526 TO 860/806, VISIBILITY CHANGED FROM 1 1/2 TO 2 1/4 MILE AND CAT D CHANGED FROM 620/566 TO 860/806, VISIBILITY CHANGED FROM 2 TO 2 1/2 MILE. 8. DELETED NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 9. ADDED VDP INFORMATION IN ADDITIONAL FLIGHT DATA. 10. ADDED CNF (CFCFW) 4 NM NORTHEAST OF BOGEY INT. 11. FINAL SEGMENT LENGTH CHANGED FROM 3.84 TO 4.11. 12. S-ILS 24 VISIBILITY CHANGED FROM RVR 5000 TO RVR 4000, S-LOC 24 CAT A/B VISIBILITY CHANGED FROM RVR 5000 TO RVR 4000. 13. CHANGED REMOTE ALTIMETER NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATHAM ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET TO READ (SEE FORM 8260-10)</div>					
REASONS:					
<div>1/2/3/4. BOGEY (HY) LOM SCHEDULED FOR DECOMISSION. 5. NOTE NOT REQUIRED, TERMINAL ROUTE DELETED. 6/16. ATC REQUEST 7. APPLIED NEW CIRCLING CRITERIA. 8/9. VISUAL SURFACES CLEAR. 10. IAW ARINC SPEC 424. 11. PFAF/FAF LOCATION COLLOCATED AND MARKED AT BOGEY INT. 12. IAW 8260.3B CHG 26, TABLE 3-5 AND VISI CALC. APPROACH LIGHTS CHANGED FROM MALSR TO MALSF. VISUAL SURFACES CLEAR. 13/14. APPROACH LIGHTS CHANGED FROM MALSR TO MALSF AND UPDATED NOTE TO INCLUDE WHEN USING CHATHAM ALTIMETER SETTING. 15. NEW CIRCLING MINIMUMS RAISED ALT MINS FOR CAT C AND D.</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 24 ALL CATS.
CHART NOTE: FOR INOPERATIVE MALSF, INCREASE S-LOC 24 CAT C/D VISIBILITY TO RVR 6000, FOR INOPERATIVE MALSF WHEN USING CHATHAM ALTIMETER SETTING, INCREASE S-ILS 24 ALL CATS VISIBILITY TO RVR 4500 AND S-LOC 24 CAT C/D VISIBILITY TO 1 3/8 MILE.

QUALITY
5
CHECKED

CITY AND STATE HYANNIS, MA	ELEVATION: 54	TDZE: 43	FACILITY IDENTIFIER: I-HYA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 19	SUP:
	AIRPORT NAME:				AMDT: 18
	BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD				DATED: 07/02/2009

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATHAM ALTIMETER SETTING AND INCREASE DA TO 325 FEET AND ALL MDA 40 FEET, INCREASE S-LOC CAT C/D VISIBILITY TO RVR 5500 AND INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE. 14. CHANGED INOPERATIVE APPROACH LIGHT NOTE "FOR INOPERATIVE MALSR, INCREASE S-LOC CATS C AND D VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE MALSF, INCREASE S-LOC 24 CAT C/D VISIBILITY TO RVR 6000, FOR INOPERATIVE MALSF WHEN USING CHATHAM ALTIMETER SETTING, INCREASE S-ILS 24 ALL CATS VISIBILITY TO RVR 4500 AND S-LOC 24 CAT C/D VISIBILITY TO 1 3/8 MILE." 15. ADDED ALTERNATE MINIMUMS CEILING/VIS REQUIREMENT OF 900-2 1/4 CAT C AND 900-2 1/2 CAT D FOR ILS AND LOC. 16. ADDED PLANVIEW NOTE: RADAR REQUIRED.					
REASONS:					



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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ARINC SUMMARY - KHYA

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LFV	010	LFV	IF	FB										V
LFV	020	BOGEY	TF	FO								AA 01700		EY
LFV	030	BOGEY	HF	FO		245.8	LFV		R			AA 01700		EE A
	010	CFCFW	IF	FB			IHYA					AA 01700 GI 01400		E I
	020	BOGEY	CF	FB		246.0	IHYA	3.00		MVY		GI 01400 GS 01400		E F
	030	RW24	CF	FO		246.0	IHYA	3.00				AT 00089		GY M
	040		CA	FB		245.8						AA 00700		M
	050		VI	FB		045.0			L					
	060	BOGEY	CF	FO		358.7	ACK					AA 01700		EY
	070	BOGEY	HM	FO		245.8			R			AA 01700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACK	N411654.79	W0700136.16
LFV	N420101.88	W0700214.04
MVY	N412346.35	W0703645.77
IHYA (DME)	N413952.00	W0701705.35
BOGEY	N414306.37	W0701151.60
CFCFW	N414540.94	W0700746.62
IHYA (LOC)	N413950.59	W0701701.09

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW24	N414027.14	W0701603.39	00039	50.1

QUALITY
28
CHECKED

CITY AND STATE
HYANNIS, MA

ELEVATION: 54 TDZE: 43
AIRPORT NAME:
BARNSTABLE MUNI-BOARDMAN/POLANDO
FIELD

FACILITY
IDENTIFIER:
I-HYA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 24, AMDT 19

SUP:
AMDT: 18
DATED: 07/02/2009

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KHYA

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LFV	010	LFV	IF	FB										V
LFV	020	BOGEY	TF	FO								AA 01700		EY
LFV	030	BOGEY	HF	FO		245.8	LFV		R			AA 01700		EE A
	010	CFCFW	IF	FB			IHYA					AA 01700		E I
	020	BOGEY	CF	FB		246.0	IHYA			MVY		AA 01400		E F
	030	RW24	CF	FO		246.0	IHYA	3.01				AT 00089		GY M
	040		CA	FB		245.8						AA 00700		M
	050		VI	FB		045.0			L					
	060	BOGEY	CF	FO		358.7	ACK					AA 01700		EY
	070	BOGEY	HM	FO		245.8			R			AA 01700		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
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BOGEY	N414306.37	W0701151.60
CFCFW	N414540.94	W0700746.62
IHYA (LOC)	N413950.59	W0701701.09

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW24	N414027.14	W0701603.39	00039	50.1

QUALITY
28
CHECKED

CITY AND STATE
HYANNIS, MA

ELEVATION: **54** TDZE: **43**
AIRPORT NAME:
BARNSTABLE MUNI-BOARDMAN/POLANDO
FIELD

FACILITY
IDENTIFIER:
I-HYA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 24, AMDT 19

SUP:
AMDT: **18**
DATED: **07/02/2009**

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. TERPS 289 APPLIED TO 423 TOWER 414344N/0700960W. HOURS REMOTE OPERATION: 24 HOUR BACK-UP KHYA ASOS AND KCQX ASOS ON SERVICE A. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.70NM NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KHYA 54.1, KCQX 63.8 RA = 31.54. VGSI DATA: 3.00/TCH 50.1 100' AVERAGE VEGETATION USED AS PER EASTERN FPO. GAILS INT AND RADAR REQUIRED CHARTED IN PLANVIEW, PER ATC REQUEST. MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 1700 6. TOWER (25-000536) 414130.00N/0700841.00W 368 (5D) 1000 1400 7. TERRAIN 414124.00N/0701715.00W 148 (100) AS1500 1600	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
HYA TOWER CAPE APP CON ZBW ARTCC				N W S	OTHER: ASOS		SOURCE:KHYA / KCQX				
				F A A			DISTANCE: 0 / 13.09				
				A / C			HOURS REMOTE OPERATION:				
SATISFACTORY ON:											
X	V H F	X	U H F		H F	LOCATION: KHYA			ADJUSTMENT: 0		
4. MONITOR STATUS	PRIMARY NAVAID: I-HYA										
	MONITOR POINT: HYA ATCT										
	HRS OPTN:	CAT 1	TWR OPEN								
		CAT 3	TWR CLOSED								
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
	X	MALSF 24 (PCL) MALSR 15 (PCL)									
	X	HIRL 06 (PCL), 15 (PCL), 24 (PCL), 33 (PCL)									
		MIRL									
	X	REIL 06									
		TDZ									
		C/LINE									
	X	OTHER (SPECIFY) PAPI-4L 06, 24 (PCL) VASI-4L 33									
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER PIR-G 06, 15, 24, 33									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH 15, 24									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:39.2					
		DISTANCE FROM RWY: 936				ELEV GP ANTENNA: 37.7					
						THRESHOLD CROSSING HEIGHT:50.1					
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD						FT. FROM THRESHOLD	
			X	ON CENTERLINE						FT. FROM CENTERLINE	
10. WAIVERS: NONE											
PART D - PREPARED BY: GEORGETTE P. BARNETT						DATE: 04/25/2016					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5412					

